北方工业
NORINCO

NORINCO NP42 PISTOL

OPERATION AND MAINTENANCE MANUAL

WARNING: Please read and follow these instructions before using this firearm.

CONTENTS

Foreword 1

General 2

Main Data 3

Structures and Features 4

Disassembly and Reassembly 7

Operation Instructions 10

Maintenance and Safety Precautions 12

Annexed table 1 Troubles and Solutions 13

Foreword

This operation and maintenance manual of model NP42 9 mm pistol, contains information of the structure, technical data, disassembly and reassembly, operation instruction, operation requirements, safety precautions, troubles which may occur and trouble-shooting of the weapon.

1 General

NORINCO NP42 pistol fires 9 mm parabellum cartridges.

It is designed with new principle with merits of rational structure, fine accuracy, high reliability, lightweight as well as good appearance. As unit-subassemblies are used for the complete pistol, it can be conveniently and quickly disassembled and reassembled. The frame is completely made of polymer and comfortable to hold. Magazine lever and safety of the pistol are designed suitably for the shooters of both left and right hand.

NP42 standard version pistol is equipped with two staggered double-feed magazines, with 15 round of cartridge.

The service life of the pistol is more than 10000 rounds.

2 Main data

	Standard Version	Long barrel Version
Caliber	9X19mm	
Muzzle velocity	340m/s	350m/s
Length	190 mm	200 mm
Height	137 mm	137 mm
Width	35 mm	35 mm
Barrel length	110 mm	120 mm
Rifling lead	254 mm	254 mm
Number of rifling grooves	6	6
Sight base	150 mm	150 mm
Effective firing range	50m	50m
Weight (With one empty magazine)	≤0.76 Kg	≤0.79 Kg
Trigger pull	Single action : 15N~30N; Double action ≤65N	
Magazine capacity	15rds. (In your choice of 10rds.)	

3 Structures and features

3.1 Pistol profile (see fig.1)

Fig.1 Pistol profile

3.2 Main components (see Fig.2)

Fig.2 List of Parts

List of Parts

1.Frame
2.Barrel
3.Barrel sleeve
4.Recoil spring guide
5.Recoil spring
6.Connection seat
7.Hang-up lever
8.Magazine catch
9.Magazine catch spring
10.Slide
11.Rear sight
12.Firing pin safety spring
13.Firing pin safety pin
14.Firing pin spring 15.Firing
15.Firing pin
16.Extractor spring
17.Extractor pin
18.Extractor
19.Indication lever
20Firing lever
21.Trigger hammer pin
22.Safety
23.Firing mechanism seat
24.Single-shot lever
25.Sear pin
26.Hammer
27.Hammer spring
28.Hammer spring pin
29.Hammer spring seat
30.Sleeve
31.Sear
32.Sear spring
33.Pull rod
34.Pull rod pin
35.Trigger spring
36.Trigger
37.Magazine body
38.Follower
39.Round follower spring
40.Follower base plate
41.Magazine cover

3.3 Structural principal and features

The firing mode of the pistol is semi-automatic. The locking mechanism is barrel-rotating type. The method of firing is hammer type and the firing mechanism is pull rod disengaging type. It can conduct single action and joint action firing. In addition to a manual safety, the pistol is also provided with a firing pin safety and functions of cartridge-in-bore indication, cartridge-in-magazine indication and slide catch. Furthermore, a simple mechanical sight and a fluorescent aiming point of nighttime are also fixed. A laser sight could be equipped if needed.

4 Disassembly and reassembly

4.1 Precautions

4.1.1 Prior to performing disassembly and reassembly check the chamber for cartridges. Never set the muzzle pointing at any person in operation.

4.1.2 Disassembly and reassembly shall be performed on clean tables or cushion cloths

4.1.3 Disassembled components shall be placed in order of disassembly sequence

4.1.4 Prior to reassembly, coat the components with a thin layer of gun oil.

4.1.5 After Reassembly, all movable components shall be flexible and reliable.

4.1.6 After removing slide, it is not allowed to pull the trigger to release the hammer.

4.1.7 Use the accessories of the pistol for disassembly and reassembly.

4.2 Incomplete disassembly and reassembly

The pistol shall be subject to routing check and cleaning. When wipe and coat with oil, incomplete disassembly and reassembly are required.

4.2.1 Magazine removal

Press magazine catch with thumb to remove the magazine from lower side of the frame.

4.2.2 Slide removal

When the hammer is at firing position or joint action stop position, hold the magazine with hand, press the ball head of hang-up lever at the right side of the gun body with magazine cover to force hang-up lever to move out 2-3mm, then insert front end of magazine cover in the position between the hang-up lever and the trigger to lever out the hang-up lever and remove the slide from the front.

4.2.3 Firing mechanism removal

Lift the front end of firing mechanism, and remove it from upper side when the rear end of trigger is disengaged from the frame.

4.2.4 Removing barrel and other components

Hold the slide with its bottom facing upward, push the rear end of connection part forward, lift up to remove the connection part, recoil spring and recoil spring guide, turn barrel sleeve 45°(clockwise or counterclockwise) to pull it out and remove the barrel from slide subassembly.

Reassembly is conducted in reverse order of disassembly.

Caution: To assemble slide onto the firing mechanism subassembly, the hammer shall be at the stop position of joint action or firing position and make sure that the slide is at upside and the firing mechanism is at downside, but reverse operation is not allowed. When the pushed slide stops moving, please check if pull rod pin is out of the trigger side or not.

5 Operation Instructions

5.1 Prior to deliver from the plant, the pistol has been calibrated so the user can fire directly. Recalibrated is not needed.

5.2 Insert the magazine containing cartridges into the magazine slot of the frame till the magazine is caught. (Caution: As the magazine capacity is large, strong pressure is required for inserting it. Check magazine catch for resetting after inserting). Pull the slide backward and release it. Then it'll recoils to right position under the action of recoil spring so that the pistol is in cocked position and can be fire by pulling trigger. After firing, the slide moves backward to complete extracting cartridge case, ejecting cartridge case and pressing the hammer down, and repeat recoiling and loading. Pressing the trigger till slide stop state occurs can fire the next round of cartridge. At this time, the magazine can be replaced by pressing the magazine catch. If it is needed to continue firing, press the hang-up lever (also can pull the slide backward to right position and then release it) to recoil the slide to position. To deal with sudden case, actualizing safety with cartridges can be used in special situation. To fire, open the safety with a thumb to implement firing of the first round in joint action mode. In case of

failure to fire, implement supplementary firing in joint action mode. At any conditions, the fire pin of the pistol is always at safety position if the trigger is not pulled so the accidental fire will not occur due to fall or other reason.

5.3 Operation of manual safety

When the pistol is at cocked position, push the safety upward with the thumb to horizontal safety position, and then the hammer rotates back to safety position. Opening the safety, press the safety with the thumb and rotate it to firing position, the hammer will be set free. At this time, joint action firing can be implemented.

(Caution: when the hammer is at firing position, the safety cannot be turned. To close the safety, press the hammer backward to cocked position at first and the turn the safety)

5.4 Cartridge-in-bore indication

If there were any cartridges in bore, the indication lever at the front of the extractor would protrude out of the extractor surface; on the contrary, the indication lever would fall in the extractor surface.

5.5 Cartridge-in-magazine indication

Take out the magazine, residual cartridges can be directly read out from the numbers engraved on the square slot of the magazine.

6 Maintenance and safety precautions

6.1 Before to use, the pistol shall be checked for safety and flexibility of mechanism actions to prevent from failure in firing.

a. Pull the slide to check the chamber for cartridges, all actions of all parts for normality and lubricating state. Check firing mechanism by firing without cartridge.

b. Check the barrel bore for blocking.

6.2 After firing, following maintenance is required.

a. Check the chamber for cartridge.

b. Clean and coat the movable components with oil in time against from corrosion.

c. Troubles occurring in the course of firing must be solved in time. Remove the unfired cartridge from the chamber and dispose of it properly.

d. Barrel must be kept clean.

e. When a pistol is taken indoors from very cold outdoors, it should be cleaned after water droplets appear; the pistol immersed in seawater should be cleaned and coated with oil after rinsing with fresh water; the pistol contaminated by toxicant or radioactive matter should be cleaned, wiped and coated with oil in time.

f. The pistol should be at safety position in the period of storage and never place hammer at cocked position.

Annexed Table 1 Troubles and solutions

Ser.No.	Troubles	Cause	Trouble-shooting method	Remark
1	Caught Cartridges	a. Magazine's entrance of wrapping cartridges is damaged b. Cartridge slope on connection seat is damaged	Pull slide backward; push hang-up lever upward to stop the slide at hang-up position. Remove magazine and take out failed cartridge. Repair Magazine's entrance of wrapping cartridges and slope of the connection seat.	
2	Empty Chamber	Dirty substance leaves in magazine	Remove magazine,clean or wipe inside-wall of magazine.	
3	Cartridge Case Jammed	a. Extractor hook is damaged. b. Extractor pin spring is ineffective c. Ejector is damaged or deformed	Pull slide with hand and remove jammed cartridge case. Check and repair extractor hook and front end of ejector; Replace extractor pin spring.	
4	Misfire	a. Silent projectile b. Hammer spring is ineffective. c. Firing pin hole or firing mechanism has dirty substance d. Firing pin hole has burrs.	Pull slide to remove misfired round. Replace hammer spring. Clean and wipe firing pin hole and firing mechanism and coat them with oil. Repair firing pin surface.	

NORINCO EQUIPMENT CO., LTD.

ADD: 12A Guang An Men Nan Jie ,Beijing ,China P.O.Box2932 Beijing Post Code 100053

Tel: +86 10 6354 2671

Fax: +86 10 6354 0776

www.norincoequipment.cn